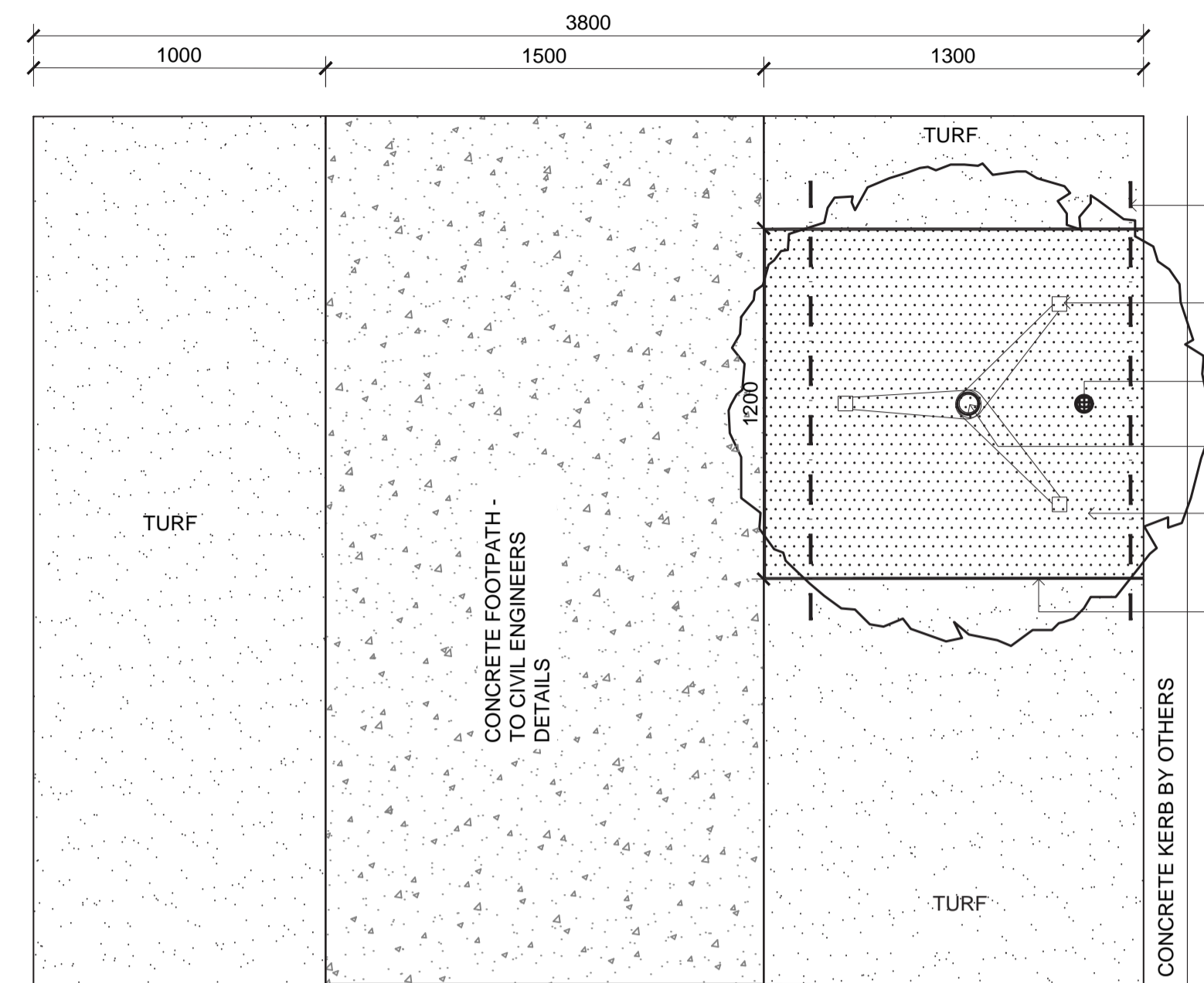
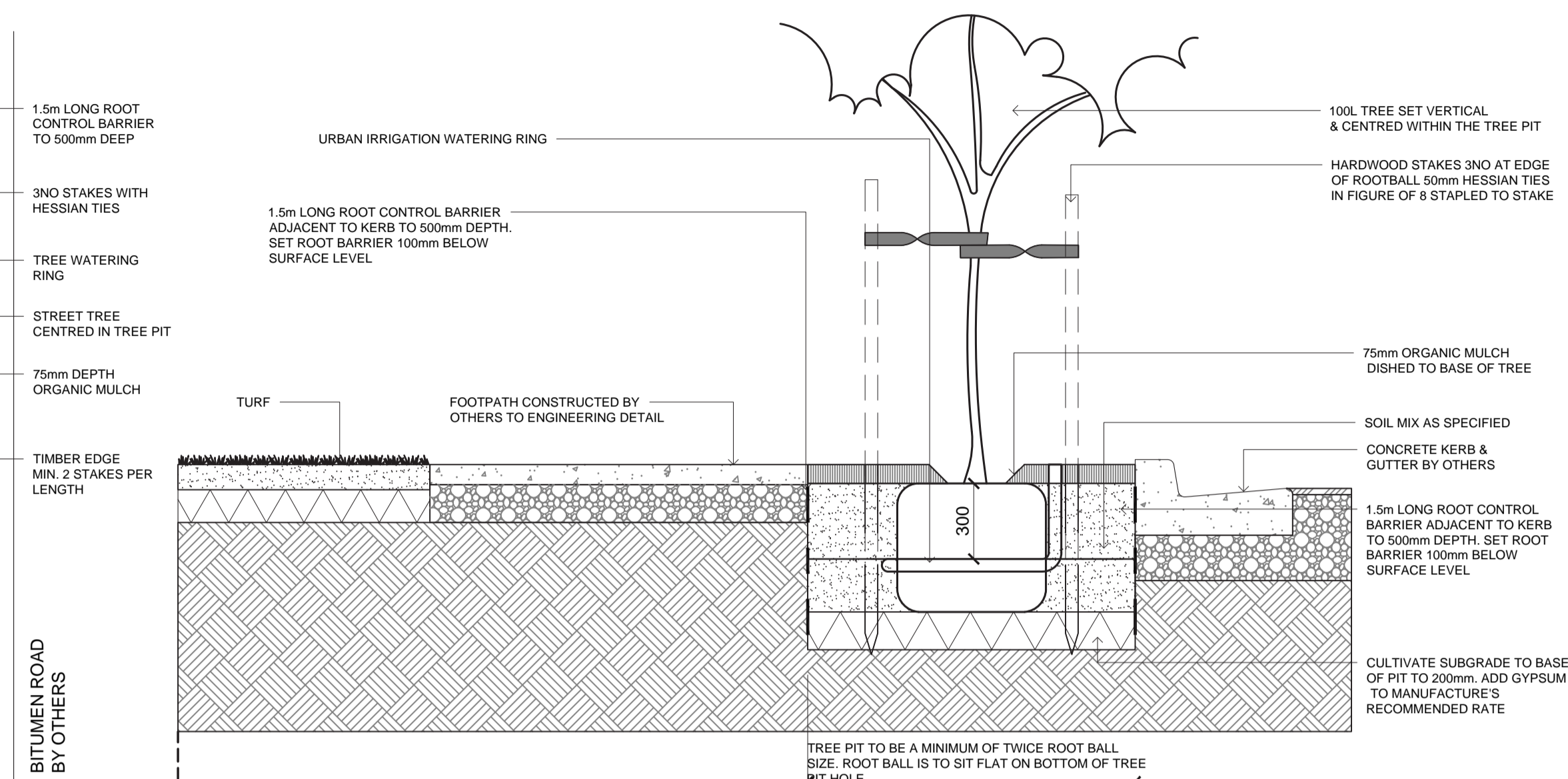


Werrington STAGE 4 - Residential 731 - 769, Great Western Hwy, NSW

Landscape Streetscape DA Plan



01 TYPICAL TREE PLANTING IN GRASS VERGE WITH FOOTPATH PLAN
SCALE 1:20



01A TYPICAL TREE PLANTING IN GRASS VERGE WITH FOOTPATH PLAN
SCALE 1:20

Notes

General

Maintenance shall mean the care and maintenance of the landscape works by accepted horticultural practice as rectifying any defects that become apparent in the landscape works under normal use. The landscape contractor shall attend the site on a **weekly basis** to maintain the landscape works for the term of the maintenance period commencing from practical completion.

Rubbish Removal

During the term of the maintenance period the Landscape Contractor shall undertake rubbish removal from the site on a **weekly basis** to ensure the site remains in tidy condition.

Weed Eradication

Weed growth that may occur in grassed, planted or mulched areas is to be removed using environmentally acceptable methods i.e. non-residual glyphosate herbicide (e.g. 'Roundup', applied in accordance with the manufacturer's directions.

Tree Replacement

Trees shall show signs of healthy vigorous growth and be free from disease and not exhibit signs of stress prior to handover to the client. Any trees or plant that die or fail to thrive, or are damaged or stolen will be replaced. Replacement material shall have the maintenance period extended in accordance with the landscape contract conditions. Trees and plant materials shall be equal to the minimum requirements of species specified and approved material delivered to site. Should the condition decline from the approved sample the Superintendent reserves the right to reject the tree / plants.
Frequency: as required.

Stakes

Adjust and/or replace stakes and ties where required. Remove staking and guying when instructed by the Superintendent

Pruning

Selective pruning may be required during the establishment period to promote a balanced canopy structure. These activities shall be carried out to the best horticultural and industry practice. All pruned material is to be removed from site.

Mulched Surfaces

All tree pits to have minimum depth of 75mm Forest Fines mulch. All mulch is to be free of deleterious matter such as soil, weeds and sticks. Mulched surfaces are to be kept clean and tidy and free of any deleterious material and foreign matter. Reinstall depths to a uniform level of 75mm with mulch as specified, mulch to be free of any wood material impregnated with CCA or similar toxic treatment. Maintain watering rings around trees. Top up mulch levels prior to handover to client.

Watering

Implement an appropriate hand watering regime in areas not irrigated in association with current watering programme to maintain plant health and vigour. The program shall reflect seasonal conditions and plant species.
Frequency: Weekly or as required.

Soil

Non-Australian native tree pits to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Organic Garden Mix' as supplied by Australian Native Landscapes. Australian native tree pits to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Native Low "P" Mix' as supplied by Australian Native Landscapes.

Pest and Disease Control

The Landscape Contractor shall spray for pests and disease infestations when the pest and fungal attack has been positively identified and when their populations have increased to a point that will become detrimental to plant growth. Apply all pesticides to manufacturer's directions.
Frequency: weekly inspection

Fertilising

Generally check for signs of nutrient deficiencies (yellowing of leaves, failure to thrive), and adapt fertiliser regime to suit. Fertiliser should be applied at the beginning and the end of the (summer) growing season.



*Detail as per the Penrith Development Control Plan 2014 Part C10 Transport Access and Parking

TYPICAL STREET SECTION
SCALE 1:50



Drawing Title:
COVER PAGE, DETAILS AND PLANT SCHEDULE
DWG No:
LDA-00

GEOSCAPES
LANDSCAPE ARCHITECTS
Suite 215, 284 Victoria Av, Chatswood NSW 2067
Ph. (02) 9411 1485
www.geoscapes.com.au
ABN 84 620 205 781 ACN 620 205 781

Client:
STATEWIDE PLANNING

Scale: NTS @ A1, NTS @ A3
Date: 26.05.2021
Job Number: 170815
Project: Werrington Stage 4 - Residential
731 - 769 Great Western Hwy, Werrington, NSW

Revision			FOR DEVELOPMENT APPLICATION	
Rev	Date	Description	Drawn	Checked
C	20.11.20	FOR DA	PT	BG
D	18.02.21	FOR DA	MR	BG
E	24.02.21	FOR DA	PT	BG
F	26.05.21	FOR DA	PT	BG

PLANT SCHEDULE

Botanical Name	Common Name	Expected Mature Height	Install Size	Spacing
Street Trees				
Trees				
<i>Corymbia maculata</i>	Spotted Gum	30m	100L	As Shown
<i>Eucalyptus tereticornis</i>	Forest Red Gum	25m	100L	As Shown
<i>Melaleuca linariifolia</i>	Snow-in-summer	8m	100L	As Shown
<i>Melaleuca stypelioides</i>	Prickly-leaved Paperbark	4m	100L	As Shown

STREET TREE IMAGES



Corymbia maculata



Eucalyptus tereticornis



Melaleuca stypelioides



Melaleuca linariifolia

LEGEND

- Site Boundary
- Lot boundary
- Eucalyptus tereticornis street tree planting
- Melaleuca linariifolia street tree planting
- Melaleuca stypelioides street tree planting
- Corymbia maculata continuation of street tree planting to French Street (as per Stage 1)
- Existing vegetation
- Footpath to council standard
- Grass verge to council standard



Drawing Title:
STREETSCAPE MASTER PLAN
DWG No:

LDA-01



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Client:



Scale:
1:500 @ A1
1:1000 @ A3

Date:
26.05.2021

Job Number:
170815

North:

Project:

Werrington Stage 4 - Residential
731 - 769 Great Western Hwy, Werrington, NSW

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PLANT SCHEDULE AND IMAGES

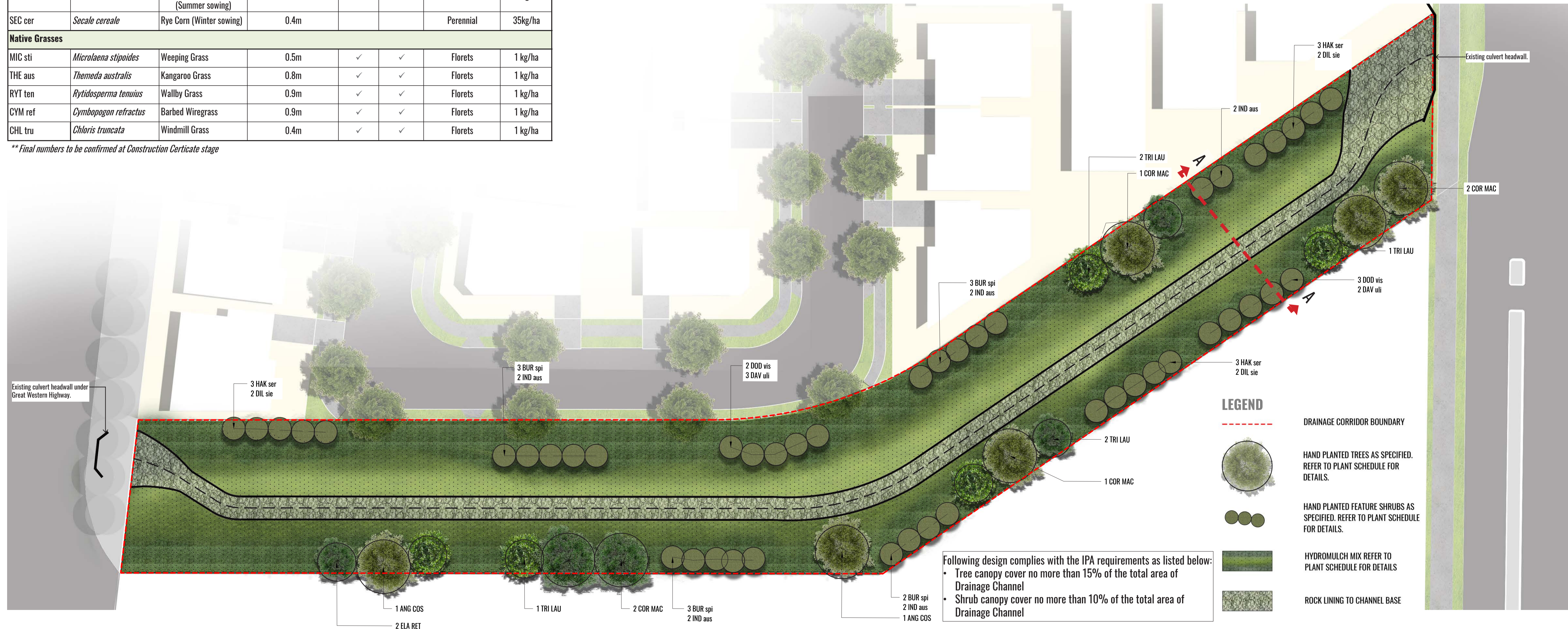
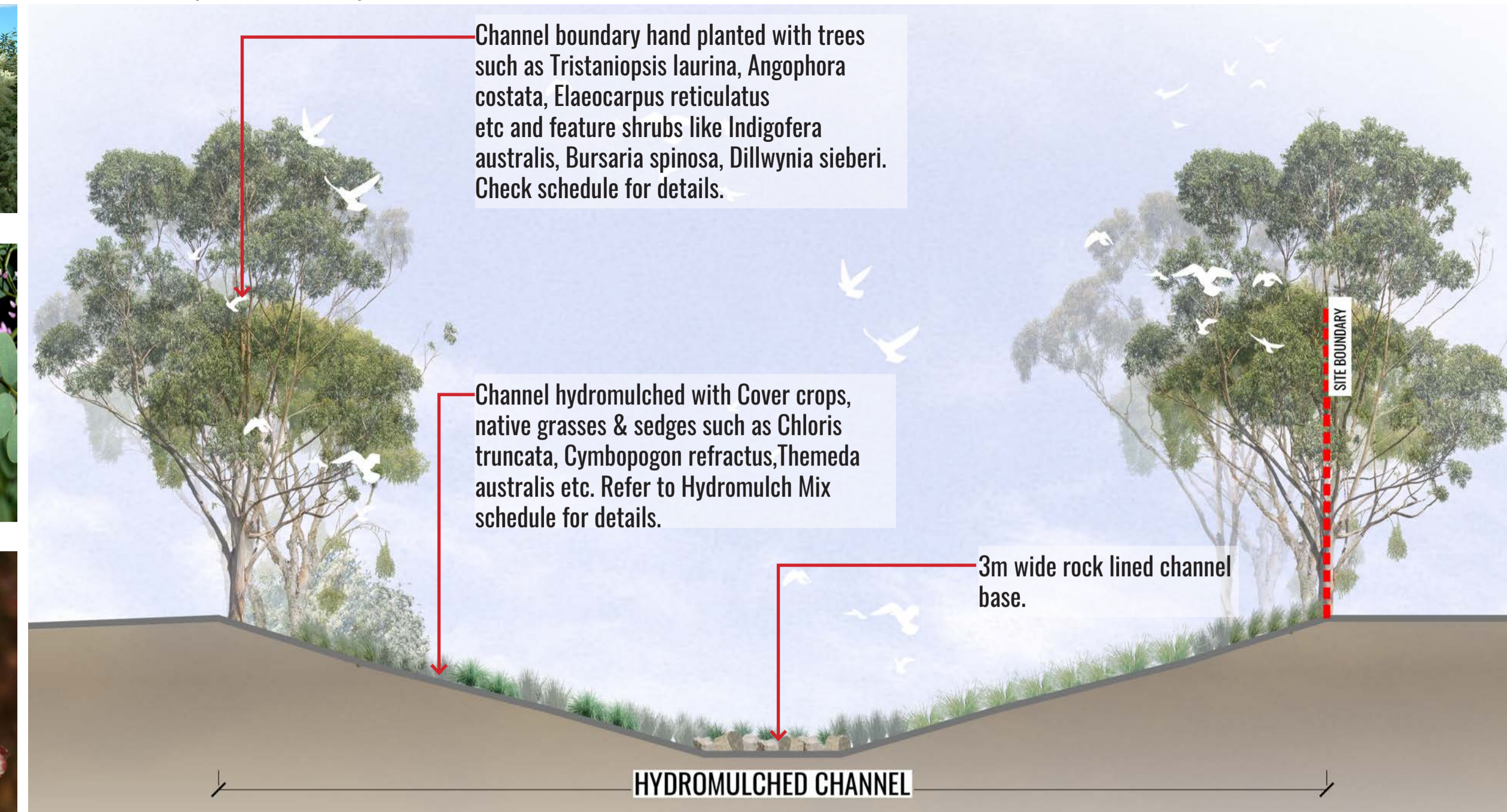
DRAINAGE CORRIDOR PLANTING SCHEDULE							
CODE	BOTANICAL NAME	COMMON NAME	SIZE	PLANTING DENSITY	QTY*	NATIVE	ENDEMIC
Trees							
ANG COS	Angophora costata	Smooth barked Apple	45L	As shown	2	✓	✓
COR MAC	Corymbia maculata	Spotted Gum	45L	As shown	6	✓	✓
ELA RET	Elaeocarpus reticulatus	Parramatta Wattle	45L	As shown	2	✓	✓
TRI LAU	Tristaniopsis laurina	Water Gum	45L	As shown	6	✓	✓
Shrubs							
BUR spi	Bursaria spinosa	Sweet Bursaria	Tube stock	As shown	11	✓	✓
DAV uli	Daviesia ulicifolia	Grorse Bitter pea	Tube stock	As shown	5	✓	✓
DIL sie	Dillwynia sieberi	Prickly parrot-pea	Tube stock	As shown	6	✓	✓
DOD vis	Dodonaea viscosa sub. cuneata	Sticky hop bush	Tube stock	As shown	5	✓	✓
HAK ser	Hakea sericea	Bushy Needlewood	Tube stock	As shown	9	✓	✓
IND aus	Indigofera australis	Australian Indigo	Tube stock	As shown	10	✓	✓
HYDROMULCH MIX							
PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	NATIVE	ENDEMIC	SEED TYPE	APP RATE
Hydromulch Mix 1 (HM1) Area = 3845 m ² = 0.38 ha							
Covercrop grass (Species chosen as per sowing season)							
ECH esc	Echinochloa esculenta	Japanese millet (Summer sowing)	0.6m			Perennial	35kg/ha
SEC cer	Secale cereale	Rye Corn (Winter sowing)	0.4m			Perennial	35kg/ha
Native Grasses							
MIC sti	Microlaena stipoides	Weeping Grass	0.5m	✓	✓	Florets	1 kg/ha
THE aus	Themeda australis	Kangaroo Grass	0.8m	✓	✓	Florets	1 kg/ha
RYT ten	Rytidosperma tenuius	Wallby Grass	0.9m	✓	✓	Florets	1 kg/ha
CYM ref	Cymbopogon refractus	Barbed Wiregrass	0.9m	✓	✓	Florets	1 kg/ha
CHL tru	Chloris truncata	Windmill Grass	0.4m	✓	✓	Florets	1 kg/ha

** Final numbers to be confirmed at Construction Certificate stage

PLANT IMAGES



SECTION AA (SCALE 1:100)



LEGEND

- DRAINAGE CORRIDOR BOUNDARY
- HAND PLANTED TREES AS SPECIFIED. REFER TO PLANT SCHEDULE FOR DETAILS.
- HAND PLANTED FEATURE SHRUBS AS SPECIFIED. REFER TO PLANT SCHEDULE FOR DETAILS.
- HYDROMULCH MIX REFER TO PLANT SCHEDULE FOR DETAILS
- ROCK LINING TO CHANNEL BASE

Following design complies with the IPA requirements as listed below:

- Tree canopy cover no more than 15% of the total area of Drainage Channel
- Shrub canopy cover no more than 10% of the total area of Drainage Channel

Drawing Title:
LANDSCAPE PLAN - DRAINAGE CHANNEL
DWG No:
LDA-02



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Date: 26.05.2021
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